



**UNITED STATES DEPARTMENT OF COMMERCE**  
**Patent and Trademark Office**

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.
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09/033,965 03/03/98 LUQNR

B 24-717

EXAMINER
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MM91/0716  
SCHLUMBERGER TECHNOLOGY CORPORATION  
ATTN: PATENT COUNSEL  
P O BOX 2175  
HOUSTON TX 77252-2175

ART UNIT	PAPER NUMBER
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2862  
DATE MAILED:

07/18/01

Please find below and/or attached an Office communication concerning this application or proceeding.

Commissioner of Patents and Trademarks

SCHLUMBERGER/SPLC  
IPL&C

JUL 18 2001

PR 7/26/01

Docketed:

8/16/01 TC Examiner  
10/16/01 Issue Fee Due - Review First!!

# Notice of Allowability

Application No.

09/033,965

Examiner

Louis M. Arana

Applicant(s)

LUONG ET AL.

Art Unit

2862

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance and Issue Fee Due or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to your CPA request and preliminary amendment of April 24, 2001.

2. ☒ The allowed claim(s) is/are 43-45.

3. ☒ The drawings filed on 7/10/2000 are acceptable as formal drawings.

4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a) ☐ All b) ☐ Some\* c) ☐ None of the:

1. ☐ Certified copies of the priority documents have been received.

2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.

3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

5. ☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application. **THIS THREE-MONTH PERIOD IS NOT EXTENDABLE FOR SUBMITTING NEW FORMAL DRAWINGS, OR A SUBSTITUTE OATH OR DECLARATION. This three-month period for complying with the REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL is extendable under 37 CFR 1.136(a).**

6. ☐ Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient. A SUBSTITUTE OATH OR DECLARATION IS REQUIRED.

7. ☐ Applicant MUST submit NEW FORMAL DRAWINGS

(a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review( PTO-948) attached

1) ☐ hereto or 2) ☐ to Paper No. \_\_\_\_\_.

(b) ☐ including changes required by the proposed drawing correction filed \_\_\_\_\_, which has been approved by the examiner.

(c) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No. \_\_\_\_\_.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings. The drawings should be filed as a separate paper with a transmittal letter addressed to the Official Draftsperson.

8. ☐ Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Any reply to this letter should include, in the upper right hand corner, the APPLICATION NUMBER (SERIES CODE / SERIAL NUMBER). If applicant has received a Notice of Allowance and Issue Fee Due, the ISSUE BATCH NUMBER and DATE of the NOTICE OF ALLOWANCE should also be included.

## Attachment(s)

1 ☒ Notice of References Cited (PTO-892)

3 ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

5 ☐ Information Disclosure Statements (PTO-1449), Paper No. \_\_\_\_\_.

7 ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material

2 ☐ Notice of Informal Patent Application (PTO-152)

4 ☐ Interview Summary (PTO-413), Paper No. \_\_\_\_\_.

6 ☐ Examiner's Amendment/Comment

8 ☒ Examiner's Statement of Reasons for Allowance

9 ☐ Other

## **DETAILED ACTION**

### ***Continued Prosecution Application***

1. The request filed on April 24, 2001 for a Continued Prosecution Application (CPA) under 37 CFR 1.53(d) based on parent Application No. 09/033,965 is acceptable and a CPA has been established. An action on the CPA follows.
2. Claims 13-42 have been cancelled and new claims 43-45 have been submitted and are pending in this application after entry of the preliminary amendment of April 24, 2001. The examiner wishes to make of record, that cancelled claims 13-19, 21, 24-25, 27-31 and 35-41 were allowed in the parent application and that these claims are now the subject of application 09/864,437 filed on 5/24/2001.

### ***Allowable Subject Matter***

3. Claims 43-45 are allowed.
4. The following is an examiner's statement of reasons for allowance: The prior art considered does not disclose or fairly suggest a magnet as claimed' that produces a plurality of axisymmetric magnetic fields with three axially magnetized magnets, where two of the magnets produce in a addition a high gradient.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

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Any inquiry concerning this communication or earlier communications from the examiner should be directed to Louis M. Arana whose telephone number is (703) 305-4913. The examiner can normally be reached on M-F (8:30-6:00) First Friday Off.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Christine Oda can be reached on (703) 305-4908. The fax phone numbers for the organization where this application or proceeding is assigned are (703) 308-7722 for regular communications and (703) 308-7724 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 308-0956.



Louis M. Arana  
Examiner  
Art Unit 2862

Ima  
July 12, 2001



**UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office**

ASSISTANT SECRETARY AND COMMISSIONER  
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We are open to receive request for service in person, by phone 703/306-3329, or Fax 703/306-5515, from 8:30 am-5:00 p.m. each business day.

If the communication you have received has any technical or legal issues that raise concerns as to the quality and/or clarity of the Office action itself, we invite you to contact the appropriate Supervisory Primary Examiner or one of our Quality Assurance Specialists.

**Quality Assurance Specialists:**

<b>Paul Dzierzynski</b>	<b>703/308-4822</b>
<b>Don Hajec</b>	<b>703/308-4075</b>

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**We appreciate your assistance in helping us help you.**

**Directors, Technology Center 2800**  
**Semi-conductors, Electrical, Optical Systems & Components**

<i>Rolf G. Wille</i>	<i>703/306-3431</i>	<i>2810/2820</i>
<i>Stewart J. Levy</i>	<i>703/308-0658</i>	<i>2830/2840</i>
<i>Howard N. Goldberg</i>	<i>703/306-3431</i>	<i>2850/2860</i>
<i>Janice A. Falcone</i>	<i>703/308-0530</i>	<i>2870/2880</i>